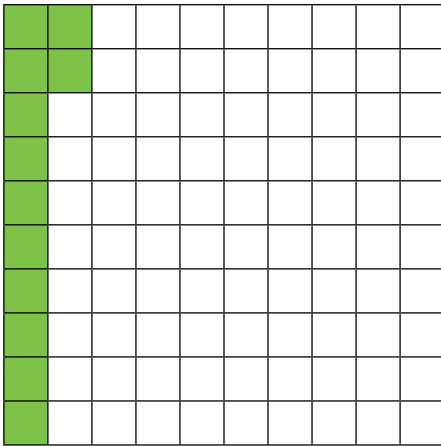


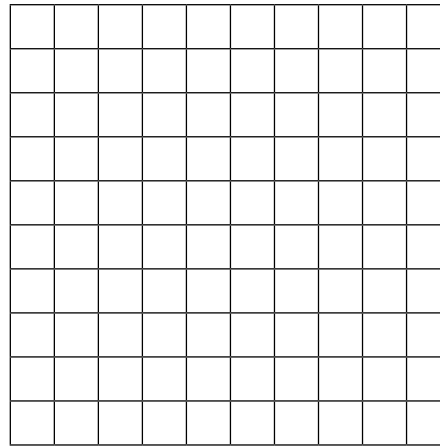


1) Complete the statements and colour in the 100 square correctly.



a) There are _____ parts per 100 shaded.

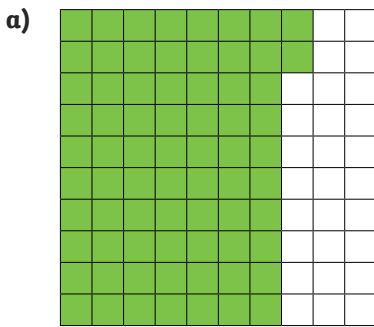
There is _____% shaded.

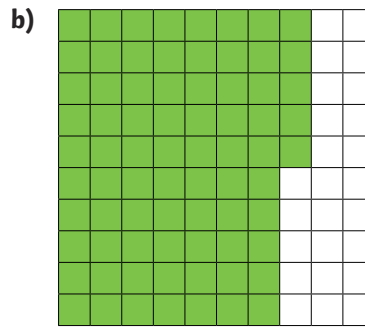


b) There are 64 parts per 100 shaded.

There is _____% shaded.

2) Which square would show 100% if I shaded another 25 parts per hundred?

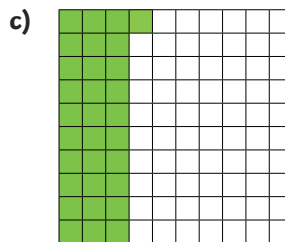




3) Number the representations of percentages below from smallest to largest.



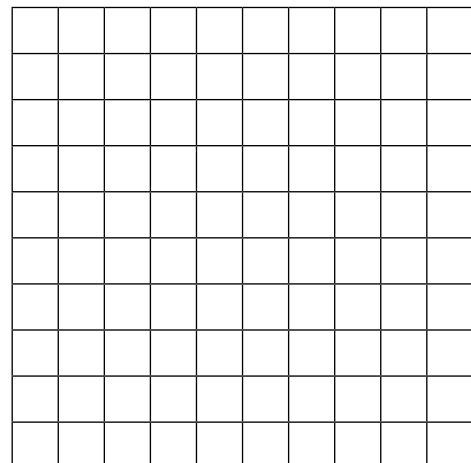
b) 3%



d) 34 parts per 100

4) Colour in this 100 square so that it matches this statement:

Between 84 parts per 100 and 90% of this 100 square are shaded.

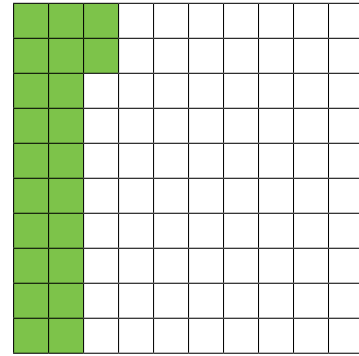




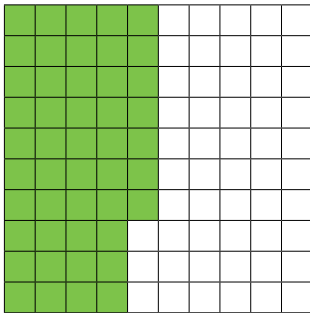
1) True or False?

a) 24% is shaded. _____

b) There are 22 parts per 100 shaded. _____



2) True or false? Explain your answer fully.

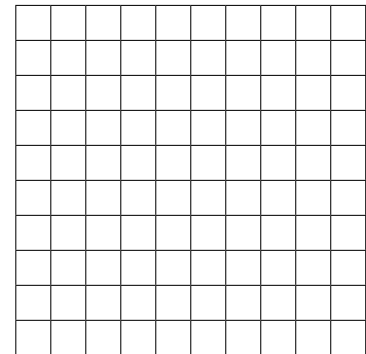


a) The percentage of squares shaded is between 45 parts per 100 and 50%.

b) If I shaded another 12 squares I will have shaded 60% of the 100 square.

3) Isaac colours in 100% of this square in different colours. He is only allowed to use colours in the percentage amounts given below:

25% = red	15 parts per hundred = yellow
75% = orange	10 parts per hundred = pink
40% = green	50 parts per hundred = blue
5% = black	30 parts per hundred = purple

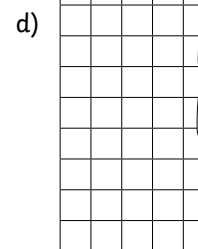
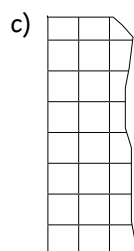
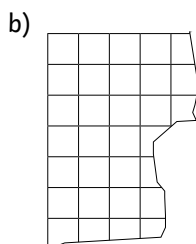
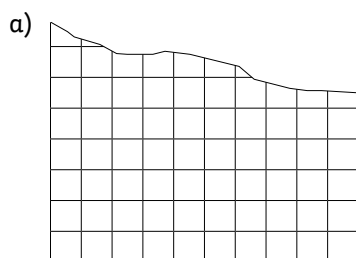


a) Find different ways that Isaac could colour in the whole 100 square using only 2 or 3 different colours. Give three examples.

b) Find a way of colouring in 100% of the square that uses exactly 4 colours. Can you find more than one answer?



1) By shading whole squares, Dylan had coloured red 65% of a 100 square before it got torn. Which of these torn pieces could have been from Dylan's 100 square? Which could not? Explain your answers fully.



2) At the bake sale, the children made 100 of each item to sell. Complete the table.

	Number sold	Percentage	Number left
Chocolate buns			14
Flapjack		53%	
Gingerbread	91 out of 100		

3) Sticker books have spaces for 100 stickers. Bruno has filled in 71% of his book. Josie has 29 spaces left. Who has the most stickers? Explain your answer.
